

CARPINISAN, C., prof.; CONSTANTINOPOL, Th., dr.; ALEXIU, Gh., dr.;
KERSEA, V., dr.; SCHREIBER, E., dr.

Secondary pulmonary aspergilloma. Med. intern., Bucur 12 no.10:
1523-1530 0 '60.

1. Lucrare efectuata la Spitalul de tuberculoza Filaret (director:
prof. C.Carpinisan).
(LUNG DISEASES case reports) (ASPERGILLOSIS case reports)

CARPINISAN, G., prof.; GOLGAN, I., dr.; DUMITRESCU, S., dr.

Clinical, radiological and therapeutic considerations on 512 cases of bronchopulmonary neoplasms. Med. intern., Bucur 12 no.12:1805-1816 D '60.

1. Lucrare efectuata in Clinica de chirurgie toracica, Spitalul "Filaret", director, prof. G. Carpinisan.
(LUNG NEOPLASMS) (CARCINOMA, BRONCHOGENIC)

CARPINISAN, G., prof.; ESKINASY, Al., dr.; SCUREI, Al., dr.

Anatomoclinical aspects of primary pleural malignant tumors. Med. intern., Bucur 13 no.1:111-119 Ja '61.

1. Lucrare efectuata in Clinica de chirurgie toracica a Spitalului "Filaret" si Laboratorul de anatomie patologica al Institutului de ftiziologie, Bucuresti.

(PLEURA neoplasms) (MESOTHELIOMA)

KARPINISHAN, K. [Carpinisan, C.], professor; ZITTI, Ye. [Zitti, E.],
kand.med.nauk; BOGDAN, Tr.

Cardiac and respiratory arrest in thoracic operations. Vest.khir.
89 no.7:85-92 Jl '62. (MIRA 15:8)

1. Iz Bukharestkoy kliniki grudnoy khirurgii "Filaret" (dir. -
prof. K. Karpinishan)
(CHEST--SURGERY) (HEART FAILURE) (ANOSEMIA)

CARPINISAN C.

KARPINISHAN, K. [Carpinisan, C.]; BOGDAN, T.T.; SKUREY, Al. [Scurei, Al.]

Development of viewpoints in the surgical treatment of pulmonary tuberculosis. Grud.khir. 5 no.1:106-110 Ja-F '63. (MIRA 16:7)

1. Iz kliniki grudnoy khirurgii "filaret" (dir.-prof. K.Karpinishan)
Bukharest.
(TUBERCULOSIS) (ANTIBIOTICS) (LUNGS—SURGERY)

CARPINISAN, C.; SCUREI, Alex.; CORNEA, P.; ESRIG, E.

Contributions to the clinical study and therapy of pulmonary
air cysts. Rumanian med.rev. 7 no.3:41-46 J1-S'63

*

CARPINISAN, C.

RUMANIA

CARPINISAN, C., Professor; GOLOGAN, I., MD; COMAN, C., MD;
STAN, A., MD; IGNAT, G., MD.

Clinic of Thoracic Surgery, Institute of Medicine and
Pharmacy, Bucharest. (Clinica de chirurgie toracica,
I.M.F.) - (for all)

Bucharest, Viata Medicala, No 7, 1 Apr 63, pp 447-450.

"Long-Range Results of Surgical Treatment for Pulmonary
Suppurations."

(5)

L 634.6-65

ACCESSION NR: AP5023241

RU/0012/64/000/005/0765/0'70

AUTHOR: Carpinisan, C. (Doctor, Professor); Bogdan, Th. Tr. (Doctor, Lieutenant Colonel, Candidate of medical sciences); Toma, T. (Doctor, Captain)

TITLE: Surgical treatment of excavated thorax by the support of the sternum with a costal graft

SOURCE: Revista sanitara militara, no. 5, 1964, 765-770

TOPIC TAGS: thoracic surgery

ABSTRACT: The authors report very good results, both immediate and long range, with the use of the technique which they describe in detail, starting from the first incision through the post-operative measures. Orig. art. has: 5 figures.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: LS

NR REF Sov: 000

OTHER: 000

JPRS

Card 1/1

CARPINISAN, Olimpia, ing.; TAFLAN, Mircea, chim.; DAN, V., ing.;
BESLIU, L., ing.; KABA, E., ing.; VERTLEN, P., ing.; DAVID, V., ing.

Experiments for utilizing the hydrocyanic acid from the
coke gas. Metalurgia Rum 15 no.5:348-352 My '63.

CARPINISAN, T.

Production of cotton plants with sympodial limited ramifications. p. 1513.
Academia Republicii Populare Romine. COMUNICARILE. Bucuresti. Vol. 5,
no. 10, Oct. 1955.

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 5,
no. 9, Sept. 1955

RUMANIA / Cultivated Plants. Technical, Oleaceous, Sugar Bearing M-6
Plants.

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58663

Author : Carpinisan, Traian

Inst : Comun. Acad. RPR

Title : New Varieties of Cotton Plant

Orig Pub : Comun. Acad. RPR, 1956, 6, No 6, 817-822

Abstract : The IKAR 672 and IKAR 675 varieties were obtained by using the method of individual selection among the local Oltenița Rumanian cotton plants. The IKAR 674 variety was developed from the local Bulgarian cotton plant. It was found in preliminary (1951-1952) and in competitive (1953-1954) variety tests, carried out at the cotton cultivating station in Brynchen, that the IKAR 674 variety ripens one day earlier and its yield (by fiber) is 8% higher than the Odessa 1 variety. The

Card 1/2

RUMANIA / Cultivated Plants. Technical, Oleaceous, Sugar Bearing M-6
Plants.

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58663

length of this fiber was greater than in the case of Odessa 1 variety. It was also thinner and stronger than Odessa 1. The IKAR 675 variety ripened at the same time as the control variety but its yield was higher by 5% (identical fiber qualities). The IKAR 672 variety had the same indexes as the control variety but ripened two days earlier. -- N. N. Konstantinov

Card 2/2

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KARPINISHAN, K. [Carpiniseanu, G.]; KONSTANTINOPOL, T. [Constantinopol, T.];
IOANETOK, D.; GOLKHON, Ye.; STANCHU, V. [Stanciu, V.]

Problems of thoracic surgery in elderly persons. Grud. Khir. 6
no.4:3-6 Jl-Ag '64. (MIRA 18:4)

1. Klinika grudnoy khirurgii (dir. - prof. K.Karpinishan), Bukarest.

NESTORESCO, N.; VLADOIANU, I.R.; DIMACHE, Gh. CHIRESCO, N.; BUZDUGAN, I.;
IANOPOL, Ligia; CARPIUC, V.; MARGINEANU, L.; SABIE, T.; BRATU, E.
BUSENEANU, Lidia.

Research on the efficacy of a typho-paratyphoid A and B vaccine
administered orally in the form of dragees. Arch. roum. path.
exp. microbiol. 23 no.3:523-530 S'63.

1. Institut "Dr. I. Cantacuzino", Service des Enterobacteriacees,
Laboratoire du vaccin TAB, Bucarest (for Nestoresco, Vladoiyanu,
Dimache, Chiresco). 2. Centre sanitaire antiepidemique de
Suceava (for Buzdugan, Ianopol, Carpiuc, Margineanu, Sabie,
Braitu, Busneanu).

CARPOV A.

Chiv Preparation of zeolites from domestic [Romanian] raw materials. M. Dima, El. Diaconescu, A. Carpoiu, and B. Serban (Univ. Craiova, Romania). *Acad. rep. Populare Romane, studii cercetari chim.*, 2, 130-55 (1951).—Solns. of Al sulfate or Na aluminate were treated with Na silicate under varying conditions of agitation during the reaction, concn. of the solns., the ntns. of Na silicate, pH of the solns., and temp.; also the effects of additional Na salts, and of excess alkali during drying were studied. A recipe was developed for the prepn. of a good zeolite corresponding to $3.3\text{SiO}_4 \cdot \text{Al}_2\text{O}_3 \cdot 0.082\text{Na}_2\text{O} \cdot 4.5\text{H}_2\text{O}$. Werner Jacobson

RUMANIA / Analytical Chemistry. Analysis of
Inorganic Properties.

E

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 64170

Author : Modreanu Florin, Fisel Simon, Carpov Adrian
Inst : Not given
Title : Detection and Determination of Some Alkali
Metals by the Paper Chromatography Method.

Orig Pub: Studii, se cercetari stiint. Acad. RPR Fil.
Iasi. Chim., 1956, (1957), 7, No 2, 25-31

Abstract: Describes the separation of NH_4^+ , K^+ , Rb^+ and
 Cs^+ by the method of distributed chromatography
on strips of vatman No 4 paper, with the use of
Na picrate in the character of a reagent. 2-20
Ml of the analyzed solution, which contains
 NH_4^+ , K^+ , Pb^+ and Cs^+ (as well as Tl) in the form
of chlorides, nitrates or iodides (concentration

Card 1/3

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RUMANIA / Analytical Chemistry. Analysis of
Inorganic Properties.

E

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 64170

Abstract: of each cation 0.05-0.2%) is plotted by means of a microburet on the narrowed end of the strip of paper; after drying out, the stain is moistened with a 1% acetone solution of Na picrate and chromatographically measured with the application of nitrobenzene, saturated with water in the character of a solvent. The duration of the chromatographic measurement is 3-4 hours (height of the rise of the solvent is 160-200 mm). At 18.5° the following values of R_f are obtained: Cs 0.20, Tl+0.14, Rb 0.11, K 0.07, NH₄ 0.05. Additional coloring of the

Card 2/3

RUMANIA / Analytical Chemistry. Analysis of
Inorganic Properties.

E

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 64170

Abstract: chromatographically-measured stains is not needed, since the picrates of the examined elements have an intense color. For the quantitative determination of the separated ions that correspond to the section, the chromatograms are eliminated, treated with acetone, and the color of the solutions obtained are compared with colored standards prepared by an analytical image. By the method described 1-5 % of each of the indicated ions is detected and determined.

Card 3/3

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CARDEV, A.

6- may

Distr: 4E2c(j) 7

Preparation of sulfocarbons from local coal. M. Dima, El. Diaconescu, A. Carpov, and E. Flores. Acad. rep. populare Roumanie, Filiala Iasi, Studii cercetari stiint. chim., 7, 31-62 (1958).—The prepn. of ion exchangers from Romanian peat, lignite, brown coal, and coal was studied, with 95% H₂SO₄ serving as sulfonating agent. The sulfonation of older coal requires a temp. of 175–200°. A good ion exchanger was prepnd. at 100° for peat and at 150° for lignite; sulfonation conducted at higher temps. gave sulfocarbons with a lesser ion-exchange capacity. The treatment time with H₂SO₄ also varied with the age of the coal, e.g. 4–6 hrs. at 175–200° for lignite. If a sulfonation time longer than the optimum was used, sulfocarbons with lower exchange capacity resulted, owing to partial hydrolysis of the sulfonic groups. H₂SO₄ in a proportion of 600% to coal is necessary for good sulfonation. In the case of other coals, a greater quantity causes the reduction of the exchange ability, whereas an excess of H₂SO₄ in the sulfonation of younger

coals does not affect the exchange capacity. Basic and acidic sulfocarbons were obtained. Their exchange capacity was established either by dynamic methods (passing alk. earth solns. through a column filled with sulfocarbons), or by statistic methods (iodometrically and through agitation with alk. earth solns.). The exchange capacity of the prepnd. sulfocarbons expressed in meq. of CaO/g. of dry sulfocarbon varied from 0.7 to 1.7 meq. for the basic capacity and from 0.9 to 2.2 meq. for the total exchange capacity. The regeneration of Na sulfocarbons with 10% NaCl soln. raised the exchange capacity for certain sulfocarbons by 8–23%. In other cases a diminution of exchange capacity took place after such a treatment. The acidic sulfocarbons are regenerated with a 3% HCl soln. The exchange capacity rose with the diminution of the grain size. The resistance of sulfocarbons vs. alk. solns. was also tested. J. Herling

TH 4/

CARPOV, A. ; MODREANU, F. ; FISEL, S.

A contribution to the problem of multiple spots; chromatographic systems with two rival anions. p. 259.

STUDDII SI CERCETARI STIIMTIPICE. CHIME, Iasi, Romania
Vol. 8, no. 2, 1957.

Monthly List of East European Accession (EEAI) LC, Vol. 8, no. 9, Sept. 1959.

Uncl.

✓ Separation of barium, strontium, calcium, and magnesium by paper chromatography. Florin Madreanu, S. Fizel, and A. Carpol (Inst. Chim. Acad. R.P.R., Jassy, Romania). *Naturforsch. Berichte* 44, 615 (1957).—Samples (2-10 microliters) of 1.1M soln. of Ba, Sr, Ca, and Mg propionates (obtained by ion-exchange with Amberlite IRA-400) are applied 2 cm. apart to Whatman No. 1 paper to within 2-5 cm. from the bottom of the 32.5-cm. long strip. Without previous drying, the strip is developed in a tank with a 100:10:5:5 mixt. of abs. EtOH, H₂O, propionic acid, and NH₄OH (d. 0.950). To obtain equil. the mixt. is placed in the tank 24 hrs. before use. After 6-7 hrs. the strip is dried at 60° untl if the smell of propionic acid is absent, and is sprayed wth a soln. of Na propionate (Ba, Sr), quinalizarin, 0.1N NaOH (Mg), and gallacetophenone (Ca). *K_f* values at 20° are: Ba 0.33; Sr 0.50; Ca 0.32; Mg 0.93.

M. J. D. Low

Multiple stains in chromatography with two competing anions. P. Modreanu, S. Fisel, and A. Carpoiu. *Revue chim., Acad. rep. populaire Roumaine*, No. 7, 147-63 (1958) (in Russian).—The chromatographic behavior is studied of 18 cations with development based on acids and $\text{Cl}_3\text{CCO}_2\text{H}$ (I). The formation of double stains is influenced by the cations and anions in the sample and by the developer solvents and their proportions. A system with 2 competing anions favors formation of so-called comets and sometimes double stains. Hg^{++} , Pb^{++} , and Ag^+ mixts. are easily sepd., also Sb^{+++} and As^{+++} . Diagrams of chromatograms are given. Th^{4+} , UO_2^{++} , Al^{+++} , Fe^{+++} , Cr^{+++} , Cu^{++} , Ni^{++} , Co^{++} , Hg^{++} , Pb^{++} , Ag^+ , Hg^{++} , Mn^{++} , Cd^{++} , and Zn^{++} are usually present as nitrates in 0.1*N* HNO_3 , but occasionally as chlorides in 0.1*N* HCl or as acetates. Sb^{+++} , As^{+++} , and Sn^{++} are always chlorides. The usual technique of ascending chromatography is used at $19 \pm 1^\circ$ on Whatman No. 1 paper with 5-7 mm. stains placed 1.5 cm. apart from each other and 3 cm. from the lower end of the paper. Development extends 15-25 cm., time 7 days (in the dark when Ag^+ is present). Stains are air-dried 5 min. The usual reagents are used for cation identification. Various developers used are: 95% EtOH with I (25 ml.:1 g.), 95% EtOH with I (25 ml.:10 g.), 95% EtOH with I (25 ml.:10 g.) with all cations present as chlorides, 95% EtOH with I (25 ml.:10 g.) with all cations present as acetates, 95% EtOH with I (25 ml.:10 g.) with special care to prevent I loss (4-hr. development), 95% EtOH with I (25 ml.:20 g.), ethyl ester of I satd. with H_2O , ethyl ester of I satd. with H_2O and mixed with I (25 ml.:1 g.); ethyl ester of I satd. with H_2O and mixed with I (25 ml.:5 g.); BuOH (or $n\text{-C}_4\text{H}_9\text{OH}$ or $n\text{-C}_5\text{H}_11\text{OH}$) satd. with H_2O and mixed with I (25 ml.:10 g.). Sepn. of Ag^+ , Pb^{++} , and Hg^{++} and of Sb^{+++} - As^{+++} mixts. is possible with EtOH-I (25 ml.:10 g.) mixt. Formation of double stains is favored by presence of Cl^- and (or) higher acids. Cd^{++} has the greatest tendency to form double stains.

DIMA, Mihai, prof.; COTRUT, Gh.V.; CARPOV, A.; META, E.; PETRARIU, I.;
MAVRUDIN, Maria

Purification, with ion exchangers, of the glucose solutions
obtained by starch hydrolysis. Studii chim Iasi 12 no.1:
101-135 '61.

1. Academia R.P.R., Filiala Iasi, Institutul de chimie "P.Poni."
2. Membru al Comitetului de redactie, "Studii si cercetari
stiintifice, Chimie" -Filiala Iasi- (for Dima).

FELDMAN, Dorel; CARPOV, Adrian

Symposium on the theme "Current problems of the cellulose chemistry and technology. Studii chim Iasi 12 no.2:263-267 '61.

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000308010015-3

CARPOV, Adrian

Chelometry. Basic determination by Rudolf Pribil. Reviewed
by Adrian CarpoV. Studii chim Iasi 13 no.1:141 '62.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000308010015-3"

CARPOV, Adrian

"Theoretical bases of the synthesis of polyelectrolytes and
ion exchangers" by Tadeusz Ignacy Rabek. Reviewed by Adrian
Carpov. Studii chim Iasi 13 no.1:141-142 '62.

POPESCU, Fl.; CARPOV, A.; DIMA, M.

Contributions to the volumetric microdetermination of chlorine
in volatile organic substances. Studii chim Iasi 14 no. 2:
203-212 '63.

1. Section of Physicochemistry of Polyelectrolytes, "Petru Poni"
Institute of Chemistry, Rumanian Academy, Iasi Branch.

DIMA, M.; SCONDAC, I.; POINESCU, Ig.; CARPOV, A.; COTRUT, Gh.V.

Polyelectrolytes from aliphatic vinyl polymers. Pt. 1.
Studii chim Iasi 14 no. 2:233-253 '63.

1. Section of Physicochemistry of Polyelectrolytes, "Petru Poni"
Institute of Chemistry, Rumanian Academy, Iasi Branch.

CARPOVICI, L.

"Raising the level of planning and accounting in lumbering technology" p. 143
"Analale Romano-Sovietice. Seria Silvicultura*Industria Lemnului Si A Hartieli.
(Analele Romano-Sovietice. Seria Silvicultura*Industria Lemnului Si A Hartieli.
Series a II-a, v. 7, No. 15, Sept/Oct 1952 Bucresti.)

EAST EUROPEAN Vol. 2, No. 9
SO: Monthly List of Russian Accessions, Library of Congress, September 1953, Uncl.

CARPOVICI, L.

"Main cuttings in the forests of the USSR. p. 147
Analele Romano-Sovietice. Seria Silvicultura-Industria Lemnului Si A Hartiei.
Series a II-a, v. 7, no. 15, Sept/Oct 1952 Bucuresti.)

EAST EUROPEAN Vol 2, No 9
SO: Monthly List of Acquisitions, Library of Congress, September 1953, Uncl.

L 17202-63

BDS ESD-3 RM

ACCESSION NR: AP3003058

Z/0043/63/000/006/0411/0417
55
54

AUTHOR: Stankoviansky, S.; Carsky, J.; Halada, S.

TITLE: Chelates of resorcylidine-4-phenylthiosemicarbazone

SOURCE: Chemické zvesti, No. 6, 1963, 411-417

TOPIC TAGS: Resorcylidine-4-phenylthiosemicarbazone preparation, metal salt, Cu, Co, Pb, Cd, Ni, chelate

ABSTRACT: Resorcylidine-4-phenylthiosemicarbazone, prepared from resorcinaldehyde and phenylthiosemicarbazide reacts with metal salts as a mono- or dibasic acid. Preparation of salts of Co, Pb, Cd, Cu, and Ni is described. Theoretical and actually obtained analyses are compared. Co yields 2 chelates; one is neutral and one anionic. Pb shows a coordination number of 3; the 4th bond, that would be attached to a water molecule could not be proved, as it was not possible to obtain a hydrate. Cd shows similar structure, but the 4th bond is attached to a water molecule which, however, is easily removable by drying. Cu and Ni complexes show the 4th bond attached to ammonia and pyridine, respectively. Orig. art. has: 8 formulas.

ASSN: Chair of Analytical Chemistry of the Faculty of Natural Sciences
at the Comonius University.

Card 1/2

KUBIS, J.; CARSKY, J.

Determination of thallium in biological material. Bratislavské lek.
listy 44 no.3:467-472 '64.

1. Katedra lekarskej chemie Lek. fak. Univerzity Komenskeho v
Bratislave (veduci prof. RNDr. J. Kubis).

CARSKY, K.;CHORVATH, V.

Anticoagulant therapy in surgery. Sloven. lekar. 13 no. 9:403-409
Sept 1951. (CLML 23:3)

1. Prof. Konst. Carsky and Assistant V. Chorvath, M. D.

CARSKY, K. and SUCHY, S.

1. Chir. Klin. SU, Bratislava.*Peptic jejunalny vred, jeho diagnostika a terapia. The diagnosis and treatment of peptic jejunal ulcer SSOŘN. PATHOFYSIOL. TRAV. VÍZ. (Praha) 1953, 7/1-4 (195-202) Illus. 12

Five cases of jejunal ulcer, four following gastroenterostomy, and one following gastrectomy for peptic ulcer, were successfully treated by bilateral vagotomy. The patients were followed up for 3 years and remained well.
Maratka - Prague

SO: EXCERPTA MEDICA, Vol. 8, No. 5, Section VI, May 1954

CARSKY, Konstantin (KUNZ Bratislava, Mickiewiczova ul.)

Prevention of gastric cancer. Lek. obzor 3 no.1-2:12-17 1954.

1. Z I. chirurg. kliniky KUNZ v Bratislave.
(STOMACH, neoplasms,
*prev. & control)

CARSKY, K.; GERVENANSKY, J. Bratislava, Rudnayho 2.

Open and gunshot injuries of the bone. Lek. obzor 3 no 5:264-275
1954.

1. Z I. chirurgickiej a ortopedickiej kliniky SU v Bratislave
(**EXTREMITIES, fractures**
gun shot & open, ther.)
(**FRACTURES**
extremities, gun shot & open, ther.)

DAVORINA MEDICA Sec 15 Vol. 10/11 Chest Diseases Nov 57

2743. ČÁRSKY K. Chir. Klin. UK, Bratislava. *Příspěvek k oesofagoplastice.
A contribution to oesophagoplasty ROZHL. CHIR. 1956, 35/9
(527-530)

After a brief description of the pioneering work of Soviet surgeons in oesophago-plasty, 2 case histories of antethoracic oesophagoplasty are described. In one patient there was complete destruction of the oesophagus by corrosion and occlusion of the hypopharynx, with a fistula in the cervical region. Pharyngo-dermo-jejuno-gastrostomy was established and the patient takes all food without difficulty. In the 2nd patient 2 strictures developed after corrosion, a complete one at the level of Th 6-7, and one incomplete at the level of the upper margin of the manubrium. Gastro-oesophagostomy between the 2 strictures had been carried out by transferring the stomach to the right thorax. Shortly afterwards the stricture above the anastomosis also became manifest. It was at this stage that the patient was referred to the author, who performed oesophago-dermo-jejuno-duoden-anastomosis. The patient takes all food by mouth without difficulty. (IX, 15)

CARSKY, Konstantin, Prof. MUDr.; MICEK, Frantisek

Significance of early postoperative ambulation. Rozhl. chir. 36 no. 7:
465-470 July 57.

1. I. chirurgicka klinika Ku v Bratislave, prednosta prof. MUDr,
Konstantin Carsky.
(POSTOPERATIVE CARE
early ambulation (Cz))

ČÁRSKY K.

EXCERPTA MEDICA Soc.9 Vol.12/4 Bratislava April 1958

2312. CONTRIBUTION TO THE BENIGN STRICTURES OF THE BILIARY WAYS -
Príspevok k benignym striktúram žľcových ciest - Čársky K. and Suchý
E. I. Chir. Klin. Lek. Fak. Univ. Komenského, Bratislava - BRATISLAV-

SKÉ LEKÁRS. LISTY 1957, 1/12 (738-749) Illus. 11

A report on 6 cases following surgical interventions. In the treatment of these strictures internal prostheses did not prove useful. In low strictures choledocho-duodenostomy is the method of choice, annular strictures of the middle part of the common duct should be treated by resection and end to end anastomosis, in proximal strictures by hepatico-duodenostomy. Three patients were operated on for inflammatory benign strictures in the papilla of Vater. In all of them choledochoduodenostomy was performed. In one patient success is permanent after 10 yr.; one was well for 2 yr. but then relaparotomy was necessary, and the case of another one is recent. Detailed description is given of a rare case of stenosing diffuse fibrosis of the biliary ways.

CARSKY, K.; KADLIC, T.

Radical approach in surgery of hypernephroma.Cas. lek. cesk. 98
no.35:1104-1107 28 Aug 59

1. I. chirurg. klinika UK v Bratislave, prednosta prof. dr. Konstantin
Carsky.
(ARRHENOBLASTOMA, surg.)

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000308010015-3

CARSKY, K.

60th anniversary of Dr. Stefan FRASTACKY. Rozhl.chir.39 no.12:
842-843 D '60.

(BIOGRAPHIES)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000308010015-3"

CARSKY, K.

Terminal ileitis. Cesk. gastroent. vyz. 15 no.3:189-191 My '61.

1. I. chirurgicka klinika LFUK v Bratislave, prednosta prof. MUDr.
Konstantin Carsky.
(ILEITIS REGIONAL case reports)

GARSKY, K.; CERNIK, F.; IESKO, A.

Blunt injuries of the hollow abdominal organs. Rozhl.chir.⁴⁰
no.2-3:78-82 Mr '61.

1. I.chirurgicka klinika lek.fak.Univ. Komenskeho v Bratislave,
prednosta prof.MUDr. Konstantin Carsky.
(ABDOMEN vds & inj)

CARSKY, K.
SURNAME, Given Names

(1)

Country: Czechoslovakia

Academic Degrees: Prof, Dr.

Affiliation: Chairman of the Gastroenterological Section (Gastroenterologicka Sekce)

Source: Prague, Prakticky Lekar, Vol 41, No 11. 1961, p 528.

Data: "Physiology and Pathology of Small Intestine on the Agenda of the National Congress of the Gastroenterological Section."

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CARSKY, K.

- 31
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- Brtislava, Pravda 1972, Letnica 1972, Vol. 1, No. 9, 1972
Copyright by the Faculty of Medicine of the Slovak Academy
of Sciences (Slovenskej Slovenskej Akademie Vied) 1972.
1. "Professor Vladimír RAPPL, MD and Doctor of Sciences, is sick," editorial; pp. 521-522.
 2. "Postoperative Complications and After-Treatment in Patients Having Thoracic or Operative Ureterostomy Using Extramucosal Circumflex," by K. STEKL, I. ŠEJCÍK, E. VÁHOMA, M. SCHMIDT, V. GRABNER, M. HUZOVÁ, and D. ČERNÝ, pp. 2-3 (Surgery Clinic at the Medical Faculty of Comenius University [The Comenius University Faculty of Medicine, Bratislava, Slovakia] in Bratislava, headed by [professor] K. ŠEDLÍČEK, corresponding member of the CAS [Czechoslovak Academy of Sciences]), pp. 523-525 (Slovak summary).
 3. "Conventional Prostheses in the Treatment of Bone Tumors and Sarcomas," by J. ČERNÝ, editor (Proceedings of the International Conference on Bone Allografts, 1971, Slovenská Akadémia Vied, Slovenské Akademie vied, Bratislava, 1972), pp. 1-2 (Surgery Clinic at the Medical Faculty of Comenius University [The Comenius University Faculty of Medicine, Bratislava, 1971, Bratislava, 1972] in Bratislava), pp. 526-529 (English summary).
 4. "Immunologic Changes During and After Tumour Tissue Transplantation Results in 55 Cases," by docent J. HANČÍK, head of the Clinic of Plastic and Reconstructive Surgery (Faculty of Medicine, Comenius University [see no. 2]) in Bratislava, pp. 530-536 (English summary).
 5. "Non-Specific Characteristics of the Small Intestine," by K. ČUPREK, of the Faculty of Medicine, First Faculty of Medicine, Charles University, Prague, 1971, in Prague, headed by professor K. ČUPREK, pp. 537-539.
 6. "On the Problem of Immunological Implementation of Autologous Amniotic Cells in the Treatment of Increasingly Severe Ulcers of the Lower Limbs," by J. HANČÍK, head of the Clinical Faculty of P. J. ŠAFEROVÁ, Faculty of Medicine, Charles University, Prague, 1971, in Prague, headed by professor J. HANČÍK, pp. 539-549 (English summary).
 7. "On the Problem of Irritation to the Peritoneum, Prevention of Peritoneal Fibrosis Following Post-Operative Bleeding," by M. KERCHI, G. BALEK, Z. ČUDLÍČEK, I. HORČÍK, and M. PLEŠKOVÁ, Faculty of Medicine, First Faculty of Medicine, Charles University, Prague, 1971, in Prague, headed by professor V. VALČÍK, the Surgery Clinic, Charles University, Prague, 1971, headed by professor V. VALČÍK, MD and Doctor of

CARSKY, K.; LESKO, A.; CERNIK, F.

Non-specific ulceration of the small intestine. Bratisl. lek. listy
42 no.9:556-559 '62.

1. Z I chirurgickej kliniky Lek. fak. Univ. Komenskeho v Bratislave,
prednosta prof. MUDr. K. Carsky.

(INTESTINE SMALL dis) (ULCER case reports)

CARSKY, K.

Antethoracic omentopexy in cirrhosis with ascites. Rozhl. chir. 42
no.10:674-678 O '63.

1. I. chirurgicka klinika Lekarskej fakulty UK v Bratislave, pred-
nosta prof. dr. K.Carsky.

*

CARSKY, K.; CERNIK, F.

Prevention in abdominal surgery. Rozhl. chir. 44 no. 2:109-118
F'65.

1. I. Chirurgicka klinika Lekarskej fakulty University Komenskeho v Bratislave (prednosta: prof. dr. K. Carsky).

CARSKY, K., MUDr.; CERNIK, F.

A contribution to the differential diagnosis of pelvic diseases
in women. Bratisl. lek. listy 45 no.7:385-389 15 Ap '65

1. I. chirurgicka klinika Lekarske fakulty Univerzity Komenskeho,
Bratislava (Veduci: prof. MUDr. K. Carsky).

CARSKY, K.; CERNIK, F.; LESKO, A.

Diagnosis and treatment of closed craniocerebral injuries in acute state. Bratisl. lek. listy 45 no.11:692-696 15 D '65.

1. I. chirurgicka klinika Lek. fak. Univerzity Komenskeho v Bratislave (veduci prof. MUDr. K. Carsky).

CARSKY, P.; ZUMAN, P.; HOSEK, V.

Fission of activated carbon-nitrogen and carbon-sulphur bonds.
Pt. 5. Coll Cz Chem 2 no.12:3044-3056 9 '64.

1. J. Heyrovsky Institute of Polarography of the Czechoslovak Academy of Sciences, and Department of Organic Chemistry of Charles University, Prague. 2. Editorial Board Member, "Collection of Czechoslovak Chemical Communications" (for Zuman).

CZECHOSLOVAKIA

CARSKI, P., ZUMAN, P., HORAK, V.

1. J. Heyrovsky Institute of Polarography, Czechoslovak Academy of Sciences,
Prague - (for ?); 2. Department of Organic Chemistry, Karlova University,
Prague - (for ?).

Prague, Collection of Czechoslovak Chemical Communications, No 12,
December 1965, pp 4316-4336

"Fission of activated carbon-nitrogen and carbon-sulfur bonds. Part 7:
Kinetics of ketol formation from α,β -unsaturated ketones in alkaline
media."

(For the 75th birthday of Academician J. Heyrovsky).

CARSTEA, St.; MARTIAN, N.

Pedological studies in the area of Calimanesti--Babeni--
Bistrta--Armasesti--Vaideeni. Dari seama sed 47:403-419
'59/60 [publ. '62].

Preparation of a powder of crude hyaluronidase from
sperm. Eugen Macovici and Mihaela Caragiu (Inst.
Biochem. Acad. Sci., Bucharest, Rumania). Comun
Acad. Rep. Sociale Române 3, 1483-8(1955).—Crude hyalu-

ronidase I was prepared from bull and stallion sperm by precipi-

tation with 10% trichloroacetic acid.

Two other types of hyaluronidase were also prepared:

hyaluronidase II from bull testes and hyaluronidase III

from stallions. Both types of hyaluronidase were obtained by precipita-

tion with 10% trichloroacetic acid.

The hyaluronidase I from the bull is more active than the I from the stallion.

Both kinds of I pow-

ders will keep their activity for 60 days, if kept in the dry

state in a dark place.

If one adds them to sperm in saline

in II or III, they will not be harmful to spermatozoa during

the first 24 hrs.

Warner Jackson

2

CARSTEANU, Mișcăra

Influence of the serum-gum arabic coacervate on the activity
of hepatic catalase in horses, and on the activity of catalase
extracted from wheat. Studii cerc biochimie 5 nr.1:39-45 '62.

1. Institutul de biochimie al Academiei R.P.R., Bucuresti.

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MACOVSKI, E., acad.; CARSTEANU, Mioara; POPESCU, Alexandrina

Method for determining the exosmosis of electrolytes in the
uterine tube. Studii cerc biochimie 7 no.2:151-153 '64.

1. Institute of Biochemistry, Rumanian Academy, Bucharest. Sub-
mitted February 25, 1964.

CARSTENS, M. doc. dr.

Pneumococcoses from the clinical viewpoint. Med. glas. 18 no.3:
61-64. Mr-Ap '64.

1. Rudarska bolnica, Recklinghausen (SR Nemacka); Unutrašnje
oddeljenje (Sef: doc. dr. Max Carstens).

Castor, L.

*Castor, L. Sur le mouvement d'une plaque rigide dans
son propre plan. Bull. Sci. Ecole Polytech. Timisoara 11,
163-265 (1941).*

Source: Mathematical Reviews,

Vol 8 No. 10.

UAKS 7 64 42

Cărtoiu, J. Sur la condition des accélérations dans un fluide incompressible. Mathematica, Timisoara 20, 172-173 (1944).

Source: Mathematical Reviews,

Vc. 8, No. 2

CARSTON J.

2

Christodoul. Sur un mouvement fluide de Beltrami. Acad.
Rom. Bull. Sect. Sci. 29, 270-272 (1946).

A Beltrami motion is defined to be a fluid motion in which streamlines coincide with vortex lines. Appell has shown that if in a Beltrami motion λ is the ratio of the vorticity to fluid speed, then λ satisfies everywhere in the fluid the relation $2\lambda = \vec{\omega} \cdot \vec{z}$, where \vec{z} is the unit vector along the velocity vector [Appell, *Traité de Mécanique Rationnelle*, 3d ed., Gauthier-Villars, Paris, 1921, v. 3, pp. 414-415]. The author shows that the converse is also true and gives an integral form for the Appell condition.

W. J. Kerner (Ann Arbor, Mich.).

Source: Mathematical Reviews,

Vol 10, No, 1

Carstom, I. Sur la possibilité des mouvements tourbillonnes $\Gamma = \text{const.}$ d'un fluide parfait incompressible.
Acad. Roum. Bull. Sct. Sci. 28, 503-504 (1946).

In this note it is shown that the motion of a perfect, incompressible fluid, subjected to conservative forces, with constant vorticity, is possible only when the deformation quadric is a hyperboloid. In that case the vortex vector is located along a generator of the cone asymptotic to the deformation quadric.

W. J. Nemecek.

Source: Mathematical Reviews,

Vol. 10, No. 1

L. Carstöiu Sur le mouvement tourbillonnaire à $\Omega = \text{const.}$

~~Sur le mouvement tourbillonnaire à $\Omega = \text{const.}$~~ fluid perfect incompressible. Acad. Roum. Bull.

Sect. Sci. 28, 589-592 (1946)

This note studies a simple example of constant vorticity motion of a perfect incompressible fluid, namely, plane motion. The author derives the following geometric properties of the deformation quadric (a cylinder): (1) during the motion, vortex line length is preserved and the vortex surface is carried into a vector surface, and (2) the initial vortex surface is applicable to the vortex surface at any subsequent time. *W. J. Neherer* (Ann Arbor, Mich.).

Sources: Mathematical Review,

Vol. 10, No. 1

(Handwritten)

Căstigă, I. Sur le vecteur tourbillon de l'accélération et les fonctions qui s'y rattachent, Acad. Roum. Bull. Sect. Sci., 49, 207-214 (1946).

From the properties of the curl of the acceleration vector of a perfect fluid several results from classical hydrodynamics are established in a new way. Among these are: (1) the existence of a velocity potential implies the existence of an acceleration potential [see E. Vessiot, Bull. Sci. Math. (2) 35, 231-244 (1911)], (2) the existence of a 2-dimensional acceleration potential implies the invariance with respect to time of the vortex strength [see L. Lichtenstein, Grundlagen der Hydromechanik, Springer, Berlin, 1929, p. 409], and (3) the divergence of the acceleration of an irrotational incompressible fluid is essentially positive for non-translatory motion [see C. Jacob, Bull. Math. Soc. Roumaine Sci. 46, 81-90 (1944); these Rev. 8, 106]. [Numerous typographical errors are in evidence; note especially equation 13 where $\partial f/\partial t$ should be df/dt .] *W. J. Nemzer.*

f/2

Source: Mathematical Reviews,

Vol. 10, No. 1

CARSTOIU, I.

Say (2)

Meteorological Abst.
Vol. 4 No. 11
Nov. 1953
Mechanics and
Thermodynamics of the
Atmosphere

4.11-107

551.511:551.551:532.5

Carstoiu, I., Sur le mouvement des files de tourbillons alternes d'un seul cote. [On the dynamics of rows of successive vortices unlimited on one side only.] Disquisitiones Mathematicae et Physicae, Bucharest, 6(1/4):225-233, 1948. refs., 19 eqs. At head of t-p: Publicatiile Institutului de Cercetari Stiintifice.... DWB--When a cylinder is moved forward in a smooth water basin at a steady speed with its generatrix in a perpendicular position, the water behind the cylinder, after an initial turbulent stage, will produce two rows of successive vortexes. Dynamic properties of such vortexes were calculated by von KARMAN on the assumption that the movement of the vortexes is unlimited in all directions. SYNGE made the calculations for a series of vortexes unlimited behind the cylinder only, adding two new vortexes at determined periods of time. In the present study the author offers mathematical definitions of vortexes based on SYNGE'S method, but without adding new vortexes and assuming that the presence of the cylinder could be disregarded at a given moment. Subject Headings: 1. Turbulence 2. Vortexes 3. Hydrodynamics. I. Romania.

Institutut de Cercetari Stiintifice.--G.T.

Cartan, Élie. Sur l'espace anallagmatique réel à n dimensions. — V. — Sor. Poincaré Math. 20 [1947], 266-278 (1948).
On peut étudier le transformation anallagmatique de l'espace T de la n -dimension à n dimensions par une substitution de la forme $\lambda_1 x_1 + \dots + \lambda_n x_n = 0$, suivant par 2 substitution de la forme linéaire portant sur les coordonnées anallagmatiques x_1, \dots, x_n , et persphériques, et laissant invariantes les hypersphères points les hypersphères improprement réelles les hypersphères proprement et les hypersphères semi-réelles ou persphériques, semi-réelles ou persphériques, et les hypersphères "semi-unitaires". Toute transformation normale de l'espace T est représentable par une et une seule transformation anallagmatique réelle, et cette transformation normale n'a pas de point fixe dans l'espace T .
Puisque d'un côté l'hyperbole à n dimensions est formé par l'hyperbole à $n-1$ dimensions et une droite, et de l'autre, les hypersphères "unitaires" sont formées par l'hyperbole à $n-1$ dimensions et une droite, alors l'hyperbole à n dimensions est formé par l'hyperbole à $n-1$ dimensions et une droite.

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CARTIANU, GH.

Welt

Cartianu, Gh. La résolution des équations du circuit oscillant à paramètres variables avec la temps, avec application à la modulation de fréquence. Rev. Univ. "C. I. Parhon" Politehn. Bucureşti. Ser. řti. Nat. 4 (1955), no. 8, 107-114. (Romanian. Russian and French summaries)

Cartianu, Gh.: The Solution of the Equation of the Oscillating circuit with parameters that vary with time, and application to frequency modulation.

RPC
J. C. Smith

Kew

CARTIANU, Gh.

RUMANIA/Radio Physics - Reception of Radio Waves

I-6

Abs Jour : Ref Zhur - Fizika, No 6, 1958, No 13878

Author : Cartianu Gh., Savescu Mugar

Inst : Not Given

Title : Calculation of Distortions of a Phase Discriminator

Orig Pub : Bul. Inst. politehn. Bucuresti, 1956, 18, No 1-2, 315-330

Abstract : The author calculates the nonlinear distortions of a phase discriminator. The conditions for optimum operation, in which the third harmonic is eliminated, are established.. A method for practical design of a phase discriminator with permissible distortion is indicated.

Card : 1/1

21

CARTIANU, GH.

TECHNOLOGY

CARTIANU, GH. Modulatia de frecventa. Editura Academiei Republicii Populare Romine, 1958 449 p. (Biblioteca stiintelor tehnice, 2)

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

9,2100

24260
R/005/60/000/001/002/004
D264/D301

AUTHORS: Cartianu, Gh., Professor, Engineer, and Landau, I.D.,
Engineer

TITLE: Carborundum varistors without a binding agent

PERIODICAL: Telecomunicații, no. 1, 1960, 16-20

TEXT: The article presents the results of investigations conducted at the Institutul politehnic (Polytechnical Institute) in Bucharest into producing carborundum varistors without a binding agent. These varistors consist of a cylindrical container with two electrodes, into which the carborundum granules are introduced. The apparatus is provided with a mechanical device for compressing the granules. The voltage-current characteristics of different types of varistors are shown in Fig. 4 for the linear scale, and in Fig. 5 for the double logarithmic scale. Mechanical vibrations have a negligible influence on the parameters of the varistor if the material is sufficiently compressed. For varistors operating at voltages below 100 v, it is recommended using electrotechnical carborundum, whereas

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Carborundum varistors without...

for varistors operating at voltages above 100 v, it is recommended using green silicon carbide. The dynamic characteristics of the varistor were established by a cathode oscillator and the wave shape of the current was oscillographed. Up to 20,000 cps, the wave shape of the current remained unchanged. Measurements were accomplished at a-c ($f = 50$ cps) by the ammeter-voltmeter method. The following conclusions could be drawn from the measurements: After having established the first curve and returned to the initial temperature, the resistance to the initial temperature increased. The differences between the $\frac{R}{R_0} = f(T^{\circ}\text{C})$ curves established initially and subsequently, were low for temperature values close to the initial one, but increased at higher temperatures attaining even 5%. The $\frac{R}{R_0} = f(T^{\circ}\text{C})$ curves established finally coincided with the curve established for the second time. The value of resistance to the initial temperature coincided in the case of curves established for the second, third, and fourth times. The admissible dissipating power of varistors with a diameter of $D = 3$ cm, was 6 w, and that of varistors with a diameter of $D = 7$ cm, 18 w. The manufacture of varistors

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Carborundum varistors without...

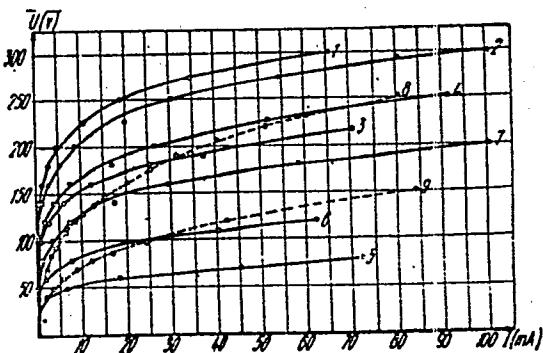
tors without a binding agent has the following advantages: It simplifies manufacturing technology, presents a pronounced non-linearity, and by using the same apparatus but modifying the carborundum quantity the characteristics of the varistor can be modified. There are 10 figures and 5 references: 3 Soviet-bloc and 2 non-Soviet-bloc. The reference to the English-language publication reads as follows: K. Henney, Radio Engineering Handbook, McGraw Hill, 1950, p. 108.

Fig. 4. $U = f(I)$ characteristics of some studied varistor types:
 1, 2, 3 - varistors of green carborundum; 4 - varistor of black carborundum; 5, 6, 7 - varistors of electrotechnical carborundum;
 8, 9 - varistors with binder.

Fig. 4. Caracteristicile $U=f(I)$ ale unor tipuri de varistori studiați:

1, 2, 3 - varistori din carborund verde; 4 - varistor din carborund negru; 5, 6, 7 - varistori din carborund electrotehnic; 8, 9 - varistori cu liant.

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Carborundum varistors without...

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D264/D301

Fig. 5. $U = f(I)$ characteristics
of some studied varistors on
double logarithmic scale.
Legend as in Fig. 4

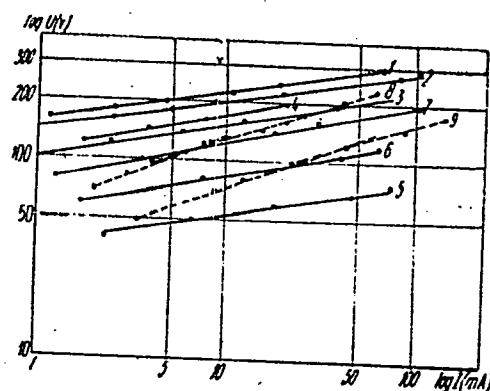


Fig. 5. Caracteristicile $U = f(I)$ la scară dublu-logaritmică ale unor tipuri de varistori studiați:
1, 2, 3 – varistori din carborund verde; 4 – varistor din carborund negru; 5, 6, 7 – varistori din carborund electrotehnic; 8, 9 – varistori cu liant.

Card 4/4

KART'YANU, G. [Cartianu, Gh.], prof.

[Frequency modulation] Chastotnaia moduliatsiia. Bucharest,
Izd-vo Akad. Rumynskoi Narodnoi Respubliki, 1961. 578 p.

(MIRA 15:11)

1. Bukharestskiy politekhnicheskiy instit (for Kart'yanu).
(Modulation (Electronics))
(Radio frequency modulation)

9.2100

23322

R/005/61/000/003/003/004
D019/D105

AUTHORS: Cartianu, Gh., Professor, Engineer; Landau, I.D., Engineer

TITLE: Binderless carborundum varistors for low voltage

PERIODICAL: Telecomunicatii, no. 3, 1961, 107-109

TEXT: On the basis of their previous publication on various types of varistors without binder (Ref. 1: Telecomunicatii, 1960, no. 1, p 16-20), the authors present some experimental results obtained with binderless varistors operating at low voltage. The experiments were conducted with cylindrical varistors, with containers having an internal diameter of 70mm. The carborundum consisted of 0.1-mm granules. The decrease of the voltage, at which the curvature of the voltage-current characteristic appears, was achieved by reducing the thickness of the carborundum layer to a minimum of 0.4mm. For a linear section the formula

W

$$\log U = \log C + \alpha \log I \quad (1)$$

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Binderless carborundum varistors for low voltage

may be used, hence:

$$U = CI^\alpha \quad (2)$$

or

$$I = AU^n \quad (3)$$

In the formulas (1), (2), and (3), A and C are constants, while $n = \frac{1}{\alpha}$, is the quality-factor of nonlinear resistance. The formula (2) shows that if $I = 1A$, $U = C$. Table 1 presents the experimental values of C and of the factors α and n in binderless varistors. Comparison of these results with the characteristics of varistors with binders shows that: (1) with binderless varistors nonlinearity coefficients comparable to those of varistors with binders may be obtained, but at a much lower voltage; (2) starting with the C value of 20, the α coefficient of varistors without binders has the same value or even a higher one than that of varistors with binder and (3) with binderless varistors C values up to a minimum of 6,

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Binderless carborundum varistors for low voltage

with a quality factor of $n \geq 2.6 \div 2.7$, may be obtained. Experiments proved that the voltage-current characteristic of binderless carborundum varistors in a double logarithmic scale forms two straight-line segments; the curving of the characteristic, however, takes place at ≈ 2 v, while the curving of the voltage-current characteristic of varistors with binder takes place at $\approx 50 \div 100$ v. On the first section of the voltage-current characteristic in the double logarithmic scale the quality factor n is lower than on the second section. Accordingly, in a binderless varistor with C = 6.5, n is 1.86 on the first and 2.66 on the second portion. Low-voltage varistors are used in error transducers for d-c voltage regulators with transistors and for limiting excess voltage in inductive circuits. Varistors without binder are successfully used in assemblies with transistors requiring the use of low-voltage non-linear resistances. There are 5 figures, 1 table and 3 references: 2 Soviet-bloc and 1 non-Soviet-bloc.

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Binderless carborundum varistors for low voltage

Table 1.

Type	C	α	$n = \frac{1}{\alpha}$
I	6.5	0.375	2.66
II	12	0.36	2.77
III	16	0.318	3.15
IV	24	0.28	3.55
V	110	0.166	6

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(9)

R/005/62/000/003/001/005
D014/D105

AUTHORS: Cartianu, Gh., Professor, Engineer, and Poenaru, Dorin,
Engineer

TITLE: The method of transforming the transfer' factor by modifying
the poles and the neutral conductors.¹

PERIODICAL: Telecomunicatii, no. 3, 1962, 97-100

TEXT: The article presents a method for calculating the variations
of the amplitude characteristics and of the characteristics of the group-
delay time, depending on the modification of the position of the poles.
Assuming that the transfer function and the variable values are standardized,
the authors deduce the first four simple fundamental relations. The exam-
ination of these relations leads to important conclusions regarding the
variation of the characteristics with the real and imaginary part of the
poles or of the neutral conductors, and the stability of the characteristics.
After examining the case of transfer funtions having only poles, the au-
thors apply this method to a particular case. Its use is limited to small

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Card 1/2

The method of transforming the ...

R/005/62/000/003/001/006
D014/D105

variations. However, to keep the system physically feasible, the variations obtained for the real part of the pole δ_k , must not displace the poles from the left half-plane. There are 2 figures. The references to English-language publications read as follows: G.G. Gouriet, "Two theorems concerning groupdelay with practical application to delay correction", PIIE, part C, March 1958, p 240; S. Darlington, "Network synthesis using Tehebycheff polynomial series", B.S.T.J., July 1952, p 163. $\checkmark \beta$

Sw/PL
Card 2/2

CARTIANU, Gh., prof. ing.

Considerations on the calculation of reactance tubes, and of systems
with reaction behaving as a reactance. Telecommunicatii 7 no.2:56-
64 Mr-Ap '63.

1. Membru corespondent al Academiei R.P.R.

CARTIANU, Gheorghe, prof. ing.

General conditions for generating F.M. oscillations in an active network. Telecomunicatii 8 no.1:5-10 Ja-F'64.

1. Membru corespondent al Academiei R.P.R.

CARTIANU, Gheorghe, prof. ing.; SCHUSTEK, Bruno, ing.

Frequency modulator with transistor using the natural phase
shift basis-emitter circuit of the transistor. Telecomunicatii
8 no. 4:145-150 Jl '64.

1. Corresponding Member of the Rumanian Academy (for Cartianu).

I. 34496-66

ACC NR: AP6024790

SOURCE CODE: RU/0005/65/000/007/0241/0250

AUTHOR: Cartianu, G. (Professor; Engineer; Corresponding member RPR Academy)

ORG: none

TITLE: Frequency modulation of reflex klystron oscillators

SOURCE: Telecomunicatii, no. 7, 1965, 241-250

TOPIC TAGS: frequency modulation, electronic oscillator, klystron, waveguide coupler

ABSTRACT: An analysis of the operation of reflex klystron oscillators and their frequency response. The author makes use of the normalized variables describing the variation of the frequency and of the reflector voltages, and shows how to take into account the pulling effect caused by coupling with the waveguide. Distortion formulae are also given, and methods of harmonic compensation are discussed. Orig. art. has: 8 figures and 56 formulas. [Based on author's Eng. abst.] [JPRS]

SUB CODE: 09, 17 / SUBM DATE: none / ORIG REF: 003 / SOV REF: 002
OTH REF: 014

Card 1/1

UDC: 621.385.62:621.376.3

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EWT(1)

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GG

ACC NR: AP6028833

SOURCE CODE: RU/0005/66/000/003/0124/0132

B5
BAUTHOR: Cartiamu, Paul (Engineer)

ORG: none

TITLE: Methods and object in quantum mechanicsSOURCE: Telecomunicatii, no. 3, 1966, 124-132

TOPIC TAGS: quantum mechanics, mathematic physics

ABSTRACT: The author discusses the fundamental problems of non-relativistic quantum mechanics, emphasizing the important differences between classical mechanics and quantum mechanics. The mathematical apparatus involved in quantum mechanics is also examined, and the derivation of the principal equations and formulae outlined.
Orig. art. has: 38 formulas. [Based on author's Eng. abst.] [JPRS: 36,645]

SUB CODE: 20 / SUB DATE: none

Card 1/1 MCP

UDC: 530.145.6

0017 02440

CRISTODORESCU, Gh.; VEGA, I.; CARTIS, I.

Influence of the nature and temperature of the medium of cooling
on the properties and flaw appearances on indigenous chrome and
structural steel. Bul St si Tehn Tim 7:151-156 '62.

Influence of the temperature and duration of heating on the
properties of the RW 180 high-speed steel. Ibid.:157-162

CRISTODORESCU, Gh.; CARTIS, I.; VEGA, I.; RADU, I.

Determination of the optimum conditions of thermal treatment of punches made of W23 Rumanian steel. Bul St si Tehn Tim 8 no.1:117-122 Ja-Je '63.

RUMANIA

BOCANEALA, O., Lieutenant-Colonel, Medical Corps; and CARUCERU, I.,
Lieutenant-Colonel, Medical Corps.

"Duodenal Stenosis Due to Biliary Syndrome"

Bucharest, Revista Sanitara Militara, Vol 62, No. 6, Nov-Dec 66, p. 1025-
1027

Abstract: Description of case in woman aged 31 with severe gastrointestinal
condition due to duodenal stenosis following cholecystoduodenal fistula;
uneventful recovery followed cholecystectomy and reparative surgery. 5
French, 2 Rumanian references. Manuscript received 6 Apr 66.

1/1

AIRINEI, Stefan; GAVRIILESGU, Beatrice; GARUTASU, Ovidiu

Magnetic reconnaissance works in the Muntii Apuseni. Probleme
geofiz 2:199-224 '63.

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